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Declass Review by NIMA / DoD

20 December 1967

MEMORANDUM FOR: Chief, Production Services Division, NPIC

SUBJECT: Trip to [REDACTED]
12-13 December 1967

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1. The purpose of this visit was to inspect the [REDACTED] Model 5412 forty-two inch and twenty-four inch paper processors installed at the [REDACTED]

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2. [REDACTED] Division Chief of this installation, explained their requirements and need for this type of equipment. He then referred us to [REDACTED] Deputy Chief, and his assistant [REDACTED]. The afternoon and following day were spent observing the two processors in operation. During the second day [REDACTED] whom I am acquainted with, spent a great deal of time going over the mechanical functions and explaining modifications and changes that would be beneficial to our type of operation. We had an opportunity to remove the side and top panels and inspect the processor in operation.

3. To date this is the only automatic processor that will process single weight paper dry to dry without using a leader card for tracking purposes. The processor is constructed of stainless steel with plastic tanks and roller racks and is of a good design. The production output is 576 square inches per minute. This facility, at present, is processing up to 40" x 40" ad-type paper which is approximately one-third the weight of single weight paper in use here. Before making arrangements to purchase this equipment, I would like to have a representative of the [REDACTED] come in to discuss the possibility of several minor changes which are as follows:

a. Replacing plastic gears with nylon. This is based on past experience with Versamat processors.

b. Chain drive should be modified. There appears to be too much slack during drive operation. - Replace some chains w/ direct drive gears. Chains stretch, causing gears to break. [REDACTED]
Heavier tubing

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- c. All drive gears should be pinned as opposed to present method of press fitted.
- d. Plastic idler tension springs should be replaced with stainless steel.

All of the above items, although not completely necessary, would insure a higher performance processor. The above changes or modifications, if performed by the [REDACTED] would increase the original cost, however, I feel it would be well worth the funds expended.

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[REDACTED]
Chief, Photo Lab Branch, PSD
NPIC